2x2 DVI DL Switcher

EXT-DVI-422DL
USER MANUAL

www.gefen.com

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Notice

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INTRODUCTION

Thank you for purchasing Gefen' s 2x2 DVI DL Switcher. The 2x2 DVI DL Switcher switches DVI, USB 2.0 and Audio between any combination of two computers.

The 2x2 DVI DL DVI Switcher allows you to easily switch between two cross-platform extended desktop dual link DVI computers using just two dual link DVI displays, USB 2.0 keyboard and mouse. Dual link DVI uses all 24 pins of the DVI connector to achieve ultra high video resolutions up to 3840x2400. USB 2.0 is the next generation of USB, capable of sending data significantly quicker than before. Video and control signals are "switched" for each computer upon selection using Discrete IR Remote and Discrete Contact Closure (RMT-4), providing you with an easy and effective method of accessing two computers from one workstation without the hassle of networking.

You simply connect your Dual Link DVI displays and USB 2.0 keyboard/mouse to the Switcher's outputs. Then you connect your computers' Dual Link DVI and USB ports to the Switcher's inputs using the supplied cables. From there, you select the computer you want using the IR remote that comes with the unit. It allows you to switch seamlessly between Macintosh or PC keyboard/video/mouse combinations.

CONTENTS

The 2x2 DVI DL Switcher package consists of:

(1) 2x2 DVI DL Switcher
(1) RMT-2IR infrared remote control
(1) 5V Power Supply
(4) 6ft Dual Link DVI cables
(2) 6ft USB 2.0 Cables
(1) User's Manual
(1) Rack Ears

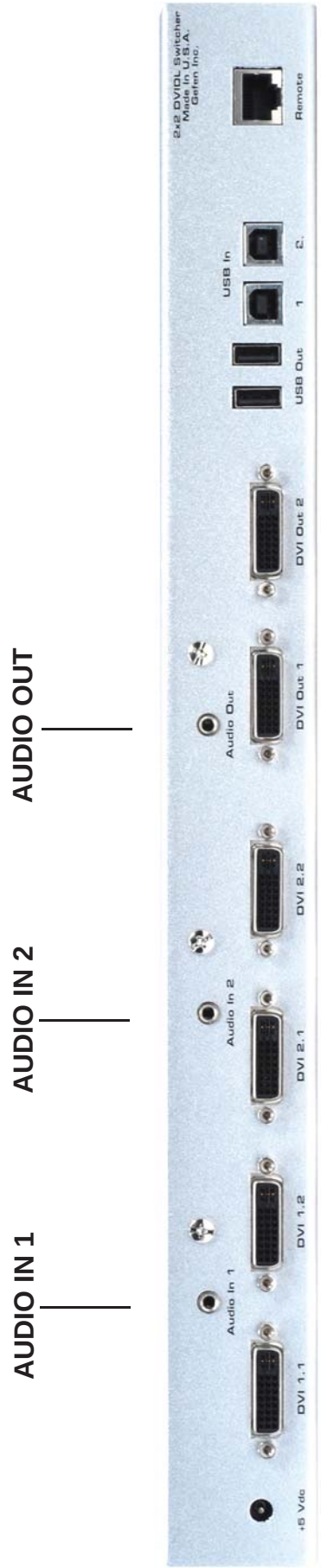
Power LED

Computer Source Selector Buttons

1-2 Indicator LED

IR eye

BACK PANEL DESCRIPTIONS



REMOTE - RJ-45 Connecter For RMT-4 Wired Remote

USB INPUTS

USB OUTS

DVI OUT 2

DVI OUT 1

AUDIO OUT

DVI IN 2.2

AUDIO IN 2

DVI IN 2.1

DVI IN 1.2

AUDIO IN 1

DVI IN 1.1

POWER INPUT

HOW TO CONNECT THE 2x2 DVI DL SWITCHER

1- Connect the cables from your first computer into the DVI 1.1, DVI 1.2, USB and Audio inputs in the back of the 2x2 DVI DL Switcher.

2- Connect the cable from your second computer into the DVI 2.1, DVI 2.2, USB and Audio inputs in the back of the 2x2 DVI DL Switcher.

3- Connect the monitors to the DVI Out 1 & 2.

4- Plug the 5v power supply into the 2x2 DVI DL Switcher.

5- Plug the 5v wallmount power supply into the wall outlet.

6- Start your computers only after you've made all the connections.

7- Press either one of the source selector buttons shown on page 2 to switch between Computer 1 or Computer 2. You can also switch between sources using the RMT-2IR. Switch remotely using the optional RMT-4 contact closure remote control.

SPECIFICATIONS

Video Amplifier Bandwidth.....2 x 165 MHz

Input Video Signal.....1.2 volts p-p

Input DDC Signal.....5 volts p-p (TTL)

Dual Link Range.....3840 x 2400

DVI Connector.....DVI-I 29 pin female (digital only)

Audio Connector.....mini-phone stereo 3.5mm

USB 2.0 Input Connection.....Type “B”

USB 2.0 Output Connection.....Type “A”

Power Supply.....5V DC

Power Consumption.....20 watts (max)

Dimensions.....17” W x 1.75” H x 4.375” D

Rackmountable.....1U Rack Space

Shipping Weight.....8 lbs.

WARRANTY

Gefen warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen is notified within two (2) years from the date of shipment, Gefen will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.

2. Customers outside the US are responsible for shipping charges to and from Gefen.

3. Copper cables are limited to a 30 day warranty and cables must be in their original condition.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding the features and specifications is subject to change without notice.

For the latest warranty coverage information, please visit Gefen's Warranty web page at http://www.gefen.com/kvm/aboutus/warranty.jsp

PRODUCT REGISTRATION

Please register your product online by visiting Gefen's web site at http://www.gefen.com/kvm/Registry/Registration.jsp

Rev X1

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